

What is claimed is:

1. An information system for supplying a predetermined region with information, comprising:
 - a transmitter for transmitting information in digitally coded form; and
 - a hand-held device which further comprises a receiver for receiving the information transmitted by the transmitter, a digital memory device for storing the information received, a reproduction device for reproducing the memorized information, particularly acoustically and/or optically, and an event detection device for detecting specific events, wherein, upon the detection of an event from the memorized information, the information which is assigned to the detected event is selected for reproduction.
2. An information system according to Claim 1, wherein the transmission of the information from the transmitter to the receiver takes place more quickly than a subsequent reproduction by the reproduction device.
3. An information system according to Claim 1, wherein the information is multilingual.
4. An information system according to Claim 3, wherein the hand-held device comprises a selection device for selecting one of the languages in which the information is transmitted.
5. An information system according to Claim 4, wherein only the information which comprises the language selected by the selection device is stored in the memory device of the hand-held device.
6. An information system according to Claim 1, wherein the event detection device comprises a location determination device for determining the present location, the event for which the associated information is selected lying within reach of a determined location.
7. An information system according to Claim 6, wherein the location determination device receives signals for determining the location, which are emitted by signal generators which are disposed in the region at predetermined locations.
8. An information system according to Claim 7, wherein the signal generators are formed by infrared transmitters and/or induction transmitters, each emitting a signal characterizing the location.
9. An information system according to Claim 1, wherein the region is divided into several information cells in each of which a transmission device is disposed.

10. An information system according to Claim 9, wherein the transmitter transmits the information which is associated to events which can occur in the respective information cell.

11. A method for supplying a predetermined region with information, comprising the steps of:

receiving information in digitally coded form transmitted from a transmitter, said information received by a receiver contained in a hand-held device; and

storing said information in a digital memory device of the hand-held device;

whereby, upon detection of an event from the memorized information, the information which is assigned to the detected event is selected for reproduction, particularly acoustically or optically.

12. The method according to Claim 11, wherein the transmission of the information from the transmission device to the receive device takes place more quickly than a subsequent reproduction by the reproduction device.

13. The method according to Claim 11, wherein the information is multilingual.

14. The method according to Claim 13, wherein one of the languages in which the information is transmitted is selected at the hand-held device.

15. The method according to Claim 14, wherein only that information which comprises the selected language is stored in the memory device of the hand-held device.

16. The method according to Claim 11, wherein the event for which the associated information is selected lies within reach of a determined location.

17. The method according to Claim 16, wherein the location is determined by signals which are emitted by signal generators which are disposed in the region at predetermined locations.

18. The method according to Claim 11, wherein the region is divided into several information cells, in each of which the information is transmitted, which information is assigned to events which may occur in the respective information cells.

19. The method according to Claim 11, wherein information with different priority identification is transmitted, with information with a higher priority identification, such as warning messages, being reproduced.

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20. The method according to Claim 11, wherein related information articles are transmitted in individual sections, in each case the initial sections of the information articles being transmitted repeatedly in short time intervals, so that after entering an information cell at least the initial sections of the information articles have been stored in the handheld device as quickly as possible, and the following sections are stored for a later reproduction when the reproduction of the first section has already started.

21. A hand-held device for receiving, storing and reproducing information in an information system according to Claim 1, comprising:

- a receiver for receiving digitally coded information;
- a digital memory device for storing the information received;
- a reproduction device for reproducing the memorized information, in particular acoustically and/or optically; and
- an event detection device for the detection of particular events, wherein, upon detection of an event from the memorized information, the information which is assigned to the detected event is selected for reproduction.